

Masters Theses in Agricultural Economics Western U.S. States and Canadian Provinces 1976-1977

University of Alberta

Richard I. Andrews, An Approach to Non-Formal Education for Rural Youth in Developing Countries. Supervisor: D. S. Gill

Augustine Y. Bobe, Income Distribution in Malawi. Supervisor: L. P. Apedaile.

Elijah K. Busingye, Performance and Impact of an Alfalfa Processing Plant. Supervisor: L. P. Apedaile.

Colin A. Carter, An Evaluation of Inter-Temporal Price Relationships in the Winnipeg Rapeseed Futures Market. Supervisor: M. M. Veeman.

Jan A. Van Egteren, Stabilization of Price, Quantity and Gross Income for Hog Producers. Supervisor: M. M. Veeman.

Len Ewanyk, Hunter-Landowner Relations in East Central Alberta: A Socio-economic Study of a Property Rights Conflict. Supervisor: W. E. Phillips.

Robert A. Funnell, The Canadian Food Manufacturing Industries: Relationships with the Levels of Concentration. Supervisor: M. M. Veeman.

Joseph Rampersaud, The Contribution of Plantation Agriculture to the Economic Development of Guyana. Supervisor: W. E. Phillips.

Nicholas Sackey, An Analysis of the Demand for Cocoa in Canada and in the U.S., 1950-1972. Supervisor: M. M. Veeman.

Fulgentio Serunjogi, The Demand for Cotton: USA. Supervisor: M. M. Veeman.

Kenneth W. Stickland, A Grain Handling and Transportation Policy System. Supervisor: L. P. Apedaile.

David Asante-Kwatia, The Influence of Irrigation and the Railroad on the Settlement of Southern Alberta. Supervisor: T. W. Manning.

William Brown, An Analysis of Professional Farm Business Management Training Needs and Programs in Canada. Supervisor: T. A. Peterson.

Gurnam Khehra, Structural Changes in the Alberta Broiler Industry. Supervisor: M. H. Hawkins.

Michael J. Melnyk, Hunter Attitudes Toward Wildlife Laws and Wildlife Officers: An Analysis of Formational Aspects. Supervisor: D. G. Murri.

Richard Carew, The Consumer and Meat Specials. Supervisor: M. H. Hawkins.

G. B. Parlby, Towards a Broader Scope for Farm Management Research within the Framework of the Social Sciences. (MAG.) Supervisor: T. A. Peterson.

University of Arizona

Charles L. Towle, Jr., Feasibility of Introducing Solar-Powered Irrigation on a Representative Arizona Farm, Supervisor: John C. Day.

Paul G. Hoyt, The Indicence of Tax Burdens and Government Expenditure Benefits: A

Study of Metro and Nonmetro Arizona.
Supervisor: Harry A. Ayer.

Steven D. Olmstead, An Evaluation of Cotton Pest Management Practices in Pinal County, Arizona, 1974. Supervisor: Robert C. Angus.

Stephen J. Nicolatus, An Economic Analysis of the Marketing Order for Lemons and its Impact on the Domestic Consumer, 1954-1975. Supervisor: Roger W. Fox.

Gretchen Heimpel, An Economic Analysis of the Expansion of United States Lemon Exports. Supervisor: Roger W. Fox.

James L. Baggs, Beef-Cattle Production Functions and Economic Optima in Commercial Feedlots. Supervisor: William E. Martin.

James C. Tinney, Comparative Estimates of Market and Non-Market Values for Products of a Given Land Base. Supervisor: William E. Martin.

Alan E. Denewiler, Economic Feasibility of Adapting Manure Processing Technology to Beef Cattle Production in Arizona. Supervisor: James C. Wade.

Colorado State University

Tesfa G. Ghebremedhin, A Critical Analysis on Land Reform Policy — Ethiopia. Supervisor: L. S. Fan.

Ghebreyohannes Keleta, Economics of Cost-Sharing Arrangements for Public Irrigation Projects. Supervisor: R. A. Young, E. W. Sparling.

James T. McGuckin, Economics of Water Quality in the Lower Arkansas Valley. Supervisor: R. A. Young.

Hossein Pirasteh, The Role of International Trade in Iranian Economic Development. Supervisor: L. S. Fan.

Michael F. Retzlaff, Economics of Condominiums in the Ski Areas of Colorado. Supervisor: R. T. Walsh.

Monty Washburn, Factors Affecting Colorado Rural Land Value. Supervisor: F. E. Walters.

University of Hawaii

Alemayehu Haile, A Historical Review and Reconstruction of the Water Rights and Water Leasing Situation of Wahiawa Reservoir and its Tributaries. Supervisor: Hiroshi Yamauchi.

University of Idaho

Greg Michaels, Economic Impact of Farm Size Alternatives on Rural Communities: An Input-Output Study in Jerome and Gooding Counties, Idaho, 1974. Supervisor: G. Marousek.

Doyle Peterson, Economic Growth and Decline of Idaho Towns: An Application of Central Place Theory. Supervisor: J. R. Hamilton.

J. Michael Harker, Soil Conservation and Farm Management Planning: A Descriptive Economic Model. Supervisor: E. L. Michalson.

William White, An Economic Evaluation of the Costs and Benefits of the Provision of Developed Public Campgrounds Along Priest Lake, Idaho. Supervisor: E. L. Michalson.

David Stubbs, Impact of the Back-to-the-Land Population in Boundary County, Idaho, on the Distribution of Real Income Through the Public Sector. Supervisor: G. Marousek.

Kansas State University

Frederick M. Freymiller, Financial Ratios in the Evaluation of Kansas Agricultural Cooperatives. Supervisor: Milton L. Manuel.

- Vernon L. Waldren, The Effect of Population Growth and Other Variables on Per Capita Expenditures in Kansas Counties. Supervisor: John Sjo.
- Joseph L. Kramer, Economics of Agricultural Leasing in Kansas. Supervisor: Wilfred H. Pine.
- Joao F. Marques, Factors Associated with Steer Price. Supervisor: John H. McCoy.
- Robert V. Price, The Effects of Traditional and Managed Hedging Strategies for Cattle Feeders. Supervisor: John H. McCoy.
- Thomas F. Tice, Farm Machinery Selection: A Linear Programming Model. Supervisor: Orlan Buller.
- Barry K. Childs, Leasing Versus Purchasing of Farm Machinery in Kansas. Supervisor, Wilfred H. Pine.
- Harold L. Lobmeyer, The Non-Farm Income of Kansas Farm Management Association Farmers for Years 1973 to 1975. Supervisor: Frank Orazem.
- Joseph N. Sama, The Feasibility Analysis of a Prototype Seed Development Project. Supervisor: Frank Orazem.
- D. R. Gargett, The Conceptualization of Managerial Behavior on Manitoba Farms During the 1960's and 70's. Supervisor: G. E. Ackerman.
- A. J. James, Interprovincial Effects of Egg Marketing Boards Operations. Supervisor: W. J. Craddock.
- L. K. Kiwanuka, A Simplified Recursive Study of the Supply of Hogs and the Demand for Pork in Canada. Supervisor: M. H. Yeh.

University of Manitoba

- P. S. Westdal, An Economic Analysis of Crop Insurance Options in Manitoba. Supervisor: W. J. Craddock.
- M. A. Ahmed, Dock Strikes and Their Impacts on Canadian Wheat Trade. Supervisor: O. P. Tangri.
- L. L. Baker, The Effects of Changing Prices and Costs on the Level and Distribution of Agricultural Production in Manitoba: A Linear Programming Analysis. Supervisor: J. A. MacMillan.
- C. D. Galapitige, An Analysis of Family Farm Growth in Western Manitoba — A Systems Approach. Supervisor: M. H. Yeh.

Montana State University

- Robert G. Aukes, Montana Wheat and Barley Acreage Supply Functions: The Effects of Federal Farm Commodity Programs.
- Charles H. Barnard, Externalities in Land Use: With Consideration of the Effects of Mobile Home Parks.
- Al S. Brogan, Simulation of Moving Average Hedging Strategies for Winter Wheat.
- Darrell M. Johnson, Sensitivity to Changes in Leverage, Long Term Interest Rates and Land Values: A Grain Farm Simulation.
- Michael E. Murphy, The Benefits and Costs of Marketing Identity Preserved T.C.K. Sumu-Free Wheat in the Aisian Market.
- Bernard N. Ries, Statistical Cost Analysis of Long-Term Care Facilities in Montana with Policy Implications.
- John R. Snyder, The Economics of Alternative Uses of Water in the Yellowstone Basin.
- William A. Yager, Marketing Cull Cows Under Uncertainty.

University of Nebraska

- John Hafer, Potential Processing Innovations and Their Implications to the Meat Industry. Supervisor: James G. Kendrick.

Henry Geu, Financial Ratios for Nebraska Grain and Farm Supply Cooperatives. Supervisor: Michael S. Turner.

Robert Block, An Economic Evaluation of the Concept of Rapid Protein Quality Assessment with Tetrahymena. Supervisor: James Kendrick.

Ikuo Kabashima, Economic Analysis of Artificial Insemination in Swine. Supervisor: Loyd Fisher.

New Mexico State University

Ivan A. Barrera-Vargas, Measuring the Effects of Agrarian Reform on Agricultural Production in Panama. Supervisor: Neil Patrick.

Roger C. Bowe, An Application of Linear Programming to Area Farm Planning. Supervisor: Neil Patrick.

Dorothy A. Comer, Attitudes Toward Land Use Planning in Two Communities in Southern New Mexico. Supervisor: Raymond J. Supalla.

Jose R. Gonzales-Iraheta, An Economic Analysis of Alternative Price Support Programs for Corn in El Salvador. Supervisor: Neil Patrick.

Garba I. Gusau, The Characteristics of Agricultural Credit and Borrowers in North Central State, Nigeria. Supervisor: Neil Patrick.

Jose A. Hamilton-Coplin, Effects of Changes in the International Price of Sugar on the Economy of the Dominican Republic. Supervisor: Milton Snodgrass.

Stephen D. Hicks, A Comparison of Alternative Long-Range Development Strategies for the Navajo Indian Irrigation Project. Supervisor: William D. Gorman.

Hector J. Leger, An Analysis of Alternative Lettuce Subsector Simulation Models. Supervisor: Milton Snodgrass.

Danny J. Lyle, Measurement of Price Efficiency in the Beef and Beef Cattle Marketing System. Supervisor: William D. Gorman.

Larry D. Makus, Firm Diversity: Its Impact on Performance in Fruit and Vegetable Processing Industries. Supervisor: Tom Clevenger.

North Dakota State University

Orville Blumhardt, Estimating Labor Supply in North Dakota. Supervisor: Thor A. Hertsgaard.

Jorge L. Brignone, Costs and Returns of Sheep Production in North Dakota. Supervisor: F. L. Leistritz.

Rodney J. Ehni, Economic and Environmental Effects of Agricultural Management Decisions in the Lower Sheyenne River Basin. Supervisor: William C. Nelson.

Telahoun Eshetu, Land Use Planning: An Analysis of People's Attitudes in Region VI, North Dakota. Supervisor: D. L. Helgeson.

Steven C. Hvinden, Use of Labor and Management Time on North Dakota Grain Farms. Supervisor: Roger G. Johnson.

John F. Mittleider, Analysis of Wheat Quality Factors. Supervisor: Donald E. Anderson.

Iven L. Ose, The Sweetener Market and Industry in the United States. Supervisor: Donald E. Anderson.

Keith A. Peltier, Comparison of the Marketing Systems of the United States and Canada at the Country Elevator Level. Supervisor: Donald E. Anderson.

Norman L. Sheldon, Interregional Energy Transportation Model for Evaluating North Dakota's Comparative Advantage for Producing Lignite Coal. Supervisor: Thor A. Hertsgaard.

James S. Wieland, Socioeconomic Characteristics and Settlement Patterns Associated with Operating and Construction Work Forces in North Dakota, South Dakota, and Montana. Supervisor: F. L. Leistriz.

Dale Zetocha, Savings and Lending Policies of Commercial Banks and Savings and Loan Associations in North Dakota. Supervisor: Fred R. Taylor.

Oklahoma State University

William Link, Jr., Quantitative Models to Predict Monthly Slaughter Hog Prices in Conjunction with Related Hedging Strategies. Supervisor: Wayne D. Purcell.

Kim B. Anderson, A Quality Calibrated Pasture-Forage Linear Programming Model for Organizing Livestock Farms. Supervisor: Odell L. Walker.

Thomas W. Richardson, Quantitative Models to Predict Quarterly Average Cash Corn Prices and Related Hedging Strategies. Supervisor: Paul D. Hummer.

Edward J. Jordan, Management Considerations in Operating Water and Related Land Based Recreation Enterprises in Oklahoma. Supervisor: Daniel D. Badger.

Steven A. Henning, Optimal Long Run Transportation Adjustments for Country Grain Elevators in Oklahoma. Supervisor: Marc A. Johnson.

Raymond J. Jennings, An Analysis of the Agricultural Land Market in North Central Oklahoma. Supervisor: Darrel D. Kletke.

Robert A. Brown, Quantitative Models to Predict Monthly Average Feeder Steer Prices and Related Hedging Strategies. Supervisor: Wayne D. Purcell.

Monty J. Elsener, Development of a Financial Simulation Model for Grain Elevator Firms. Supervisor: Robert L. Oehrtman.

Wade L. Smith, Intermarket Price Differentials for July Wheat Futures Contracts on the Chicago and Kansas City Boards of Trade. Supervisor: Leo V. Blakley.

Oregon State University

Kee N. Cheung, A Simulation Model of an Extended-Bergstrom Type Economy. Supervisor: John A. Edwards.

Lewis E. Queirolo, Substitutional Relationships Between Rainbow Trout and Pansize Salmon: A Market Demand Analysis. Supervisor: Richard S. Johnston.

Jerry E. Clark, A Proposed Model to Predict Population in Relatively Rural Areas Experiencing Rapid Economic Development. Supervisor: Frederick W. Obermiller.

William A. McNamee, Economic and Financial Feasibility of an Expanded Farm Enterprise for the Umatilla Indian Reservation. Supervisor: James B. Fitch.

Kenneth A. Hanson, Dynamic Investment and Pricing Decisions for Municipal Sewerage. Supervisor: Herbert H. Stoevener.

South Dakota State University

Tom Hruby, Feasibility of Establishing a Commuter Airline System in South Dakota. Supervisor: Thomas Daves.

Dale Bertsch, A Conceptual Approach for Analysis and Evaluation of Branch Line Abandonment. Supervisor: Thomas Daves.

Terry Hickenbotham, Sampled Household Views on Various Aspects of Selected Rural Services in Haakon, Grant, and Brookings Counties, South Dakota. Supervisor: William Kamps.

Karen Olson, Estimating the Elasticity of Demand for Rail Transportation of South Dakota Wheat. Supervisor: Charles Lambertson.

George B. Fish, A Recursive Optimal Farm Organization for a Region of the Texas High Plains. Supervisor: Thomas G. Bell.

Texas A&M University

Teddy Merl Abele, The Limited Partnership As An Agricultural Investment Medium: A Look At Investors And Their Objectives. Supervisor: Donald R. Levi.

Gerald C. Cornforth, An Aggregate Production Function for U.S. Agriculture: An Alternative to the Tyner-Tweeten Approach. Supervisor: Bruce R. Beattie.

Jorge Garcia, The Balance Sheet Approach Applied to the World. Supervisor: Clive R. Harston.

Bruce Knudson, An Interregional Trade Flow Model for the Texas Feed Grain Industry. Supervisor: Stephen Fuller.

Ed Rister, Capital Gains Tax Treatment and the Cattleman. Supervisor: Ronald D. Kay.

Clair J. Nixon, Farm Disinvestment Simulator. Supervisor: John B. Penson, Jr.

Vera B. Podolecki, Loan-Deposit Feedback Mechanisms at Rural Texas Banks. Supervisor: Peter J. Barry.

Texas Tech University

David L. True, An Economic Analysis of Cow-Calf Enterprises of Texas High Plains Crop Farms. Supervisor: Billy G. Freeman.

George T. Richardson, An Economic Analysis of Range Improvement Practices in the Texas Rolling Plains. Supervisor: Billy G. Freeman.

Ronald W. Willis, Simulation Analysis of Commercial Swine Producing Operation on the Texas High Plains. Supervisor: Hong Y. Lee.

Utah State University

Leonisa M. Cuayo, An Industrial Training Approach to a National Manpower Development Effort: A Proposal. Supervisor: Gary B. Hansen.

Craig L. Mangus, Economic Analysis of Dairying in Gunnison Valley, Utah. Supervisor: Paul R. Grimshaw.

T. O. Tew, The Impact of the Prototype Oil Shale Development on Agricultural and Municipal Water Supplies in the Uintah Basin. Supervisor: B. Delworth Gardner.

Jay Anderson, An Economic Analysis of Sprinkling for Bloom Delay and Freeze Protection of Apples in Farmington, Utah. Supervisor: Jay C. Andersen.

Richard A. Eniang, The Consequences of Rapid Population Growth on Nigeria's Economic Development: A Simple Econometric Analysis. Supervisor: Bartell C. Jensen.

David W. Mills, Water Allocation for Future Development in the Uintah Basin. Supervisor: N. Keith Roberts.

Todd T. Tueller, A Linear Programming Decision Model for Feeding Steers and Heifers. Supervisor: Darwin B. Nielson.

University of Wyoming

James R. Sinclair, An Economic Analysis of the Effect of Alternative Irrigation Water Levels on Alfalfa and Barley. Supervisor: James J. Jacobs.

Janet M. Coulter, Projections of Feed Requirements and Feed Balances for the

- Wyoming Livestock Economy. Supervisor: James S. St. Clair.
- Thomas L. Holman, A Model for Economic Evaluation of Agricultural and Recreational Uses of Public Lands. Supervisor: Carl E. Olson.
- James L. Stephenson, A Comparison of Alternative Market Outlets for Wyoming Feeder Cattle. Supervisor: Dale J. Menkhaus.
- Tunku Mahmud, Measurement of Variability Indices for Wyoming Crop Prices, Yields and Gross Revenues: With an Analysis of Crop Diversification. Supervisor: Richard M. Adams.
- Hans F. Hansen, A Method of Estimating Economic Impact of Changes in the Economic Base in Sparsely Populated Areas. Supervisor: Carl E. Olson.